

ABSTRACT

A site mining stylesheet may be used to control the presentation of content extracted from a source web page. In particular, a stylesheet stored on a proxy server or the like may be called when a web page associated with the stylesheet is requested by a mobile device. After receiving such a request, the stylesheet extracts the content from the source web page and subsequently transforms and manipulates the extracted content. From there, a destination web page is generated and transmitted to the requesting mobile device for display. The stylesheet may be implemented by first designing a site mining template, This template may be created by receiving and storing format information for formatting a layout of the stylesheet, and an indication of the content to be extracted from the source page. Expressions for uniquely locating each piece of content to be extracted and/or manipulated may also be determined or generated. In addition to the formatting and expression information, the template also includes transformation information for manipulating the specified content. The template may then be converted into a stylesheet and prepared for application to corresponding source web pages.